

Art Unit: \*\*\*2174

CLMPTO

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1. A ventilator system for ventilating a patient, comprising:
  - a respirator for ventilating the patient;
  - a programmable processor responsive to selected ventilation parameters for controlling the respirator to ventilate the patient;
  - a memory connected to the processor for storing a plurality of ventilation parameters;
  - a display for displaying the plurality of ventilation parameters, including ventilation parameters currently used by the processor to control the respirator and a plurality of proposed ventilation parameters;
  - input means cooperating with the memory and the display for selecting one of the proposed ventilation parameters from the plurality of proposed ventilation parameters and for assigning values to the selected proposed ventilation parameter, the selected value being displayed by the display;
  - wherein one, or more than one of the proposed ventilator parameters may be selected in any order and values assigned to one, or more than one of the proposed ventilator parameters while the processor controls the ventilator using the currently used values of the ventilation parameters; and
  - wherein a user accepts the one or more assigned values of the proposed ventilator parameters by pressing a button and the processor stores the assigned proposed ventilator values in the memory, and controls the ventilator using the newly stored values.

Please cancel claims 2-6.

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Please add the following new claims.

7. (New) In a system for programming a respirator for ventilating a patient, the system including a programmable controller responsive to selected ventilation parameters for controlling the respirator to ventilate the patient and for storing a plurality of ventilation parameters, a display for displaying a plurality of ventilation parameters currently used by the controller to control the respirator and a plurality of proposed ventilation parameters, and input means cooperating with the controller and the display for selecting one of the proposed ventilation parameters from the plurality of proposed ventilation parameters, the improvement comprising:

said display including a graphical representation of the effect of the proposed

ventilation parameters on the breath cycle.

8. (New) The system of Claim 7, wherein said display includes a graphical representation of the ventilation parameters currently used.

9. (New) The system of Claim 7, wherein said display includes a graphical representation of the proposed ventilation parameters of a breath cycle.

10. (New) The system of claim 7, wherein the graphical representation of the effect of the proposed ventilation parameters on the breath cycle comprises a time scale, an inspiration bar and an expiration bar, and the lengths of the inspiration bar and the expiration bar are a function of the ventilator settings used by the controller to control the ventilator.

11. (New) The system of claim 7, wherein the input means includes means for assigning values to the selected proposed ventilation parameters, the graphical representation of the effect of the proposed ventilation parameters on the breath cycle comprises a time scale, an inspiration bar and an expiration bar, and the lengths of the inspiration bar and the expiration bar are a function of the assigned values of the proposed and not yet accepted ventilator settings.

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12. (New) The system of claim 10, wherein the time scale is associated with

the inspiration and expiration bar and is rescaled to be compatible with the combination of the times on the bar.

13. (New) The system of Claim 11, wherein the time scale associated with the inspiration and expiration bar is rescaled to be compatible with the combinations of the times on the bar.

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